

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application ) PATENT APPLICATION  
Inventor(s): Edward Kosciuszko, )  
Sreekumar Menon )  
Hung-Vuong Vo )  
SC/Serial No.: 09/356,797 )  
Filed: July 20, 1999 )  
Title: METHOD AND APPARATUS FOR )  
VIEWING THE EFFECT OF CHANGES )  
TO AN INDEX FOR A DATABASE TABLE )  
ON AN OPTIMIZATION PLAN FOR A )  
DATABASE QUERY )

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name; I believe that I am the original, first and sole inventor (if one name is listed below), first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHOD AND APPARATUS FOR  
VIEWING THE EFFECT OF CHANGES  
TO AN INDEX FOR A DATABASE TABLE  
ON AN OPTIMIZATION PLAN FOR A  
DATABASE QUERY

the specification of which (check applicable ones):

\_\_\_\_\_ is filed herewith;  
  X   was filed with the above-identified "Filed" date and "SC/Serial No."  
\_\_\_\_\_ was amended on (or amended through) \_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I

acknowledge the duty to disclose information which is material to the examination of the application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

(1) Full name of sole  
or first inventor: Edward Kosciuszko

(1) Residence: 259 HIGHLAND AVE  
UPPER MONTCLAIR, NJ 07043

(1) Post Office Address: same

(1) Citizenship: US

(1) Inventor's signature: Edward Kosciuszko

(1) Date: 9/14/99

\*\*\*\*\*

(2) Full name of second  
joint inventor: Sreekumar Menon

(2) Residence: 6 PINE TREE PLACE, PARSIPPANY, NJ 07054

(2) Post Office Address: same

(2) Citizenship: INDIA

(2) Inventor's signature: Sreekumar Menon

(2) Date: 14 SEP 1999

\*\*\*\*\*

(3) Full name of third

joint inventor: Hung-Vuong Vo

(3) Residence:

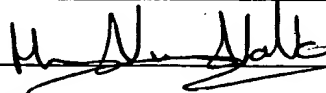
62 Sheridan St. #1  
San Francisco, CA 94103

(3) Post Office Address: same

(3) Citizenship:

USA

(3) Inventor's signature:



(3) Date:

9/14/99

\*\*\*\*\*

105020-16200550

**JOINT TO CORPORATE ASSIGNMENT**

WHEREAS, the undersigned Inventors:

(1) Edward Kosciuszko  
a resident of 259 HIGHLAND AVE, UPPER MONTCLAIR, NJ 07043 and

(2) Sreekumar Menon  
a resident of 6 PINE TREE PLACE, PARSIPPANY, NJ 07054; and

(3) Hung-Vuong Vo  
a resident of 62 Sheridan St. #1, San Francisco, CA 94103; and

have invented certain new and useful improvements in:

**METHOD AND APPARATUS FOR  
VIEWING THE EFFECT OF CHANGES  
TO AN INDEX FOR A DATABASE TABLE  
ON AN OPTIMIZATION PLAN FOR A  
DATABASE QUERY**

and have executed a declaration or oath for an application for a United States patent disclosing and identifying the invention:

1.      On the Date of Execution of Declaration for Patent Application set forth below adjacent to my signature;

Or

2.   X   Said application having SC/Serial Number 09/356,797, and filed on the 20th day of July, 1999.

WHEREAS PLATINUM technology IP, inc. (hereinafter termed "Assignee"), a corporation of the State of Delaware, having a place of business at 1815 South Meyers Road, Oakbrook Terrace, State of Illinois, wishes to acquire the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, certificates of invention and other forms of protection thereon (hereinafter termed "patents") applied for or granted in the United States and/or other countries.

NOW THEREFORE, for good and valuable consideration acknowledged by each of  
inventors to have been received in full from said Assignee:

in the  
of this

1. Said Inventors do hereby sell, assign, transfer and convey to said Assignee,  
entire right, title and interest (a) in and to said application and said invention; (b) in and  
rights to apply in any or all countries of the world for patents, certificates of  
inventions or other governmental grants on said invention, including the right to apply for  
the same pursuant to the International Convention for the Protection of Industrial Property  
or any other convention, treaty, agreement or understanding; (c) in and to any  
and all applications filed and any and all patents, certificates of inventions or other  
governmental grants granted on said invention in the United States or any other country,  
including each and every application filed and each and every patent granted on any  
application which is a division, substitution, or continuation of any of said applications; (d)  
in and to each and every reissue or extension of any of said patents; and (e) in and to each  
and every patent claim resulting from a reexamination certificate for any and all of said  
patents.

\_\_\_\_\_  
\_\_\_\_\_

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2. Said Inventors hereby jointly and severally covenant and agree to cooperate  
said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and  
interest herein conveyed in the United States and other countries. Such cooperation by  
inventors shall include prompt production of pertinent facts and documents, giving of  
advice, executing of petitions, oaths, specifications, declarations or other papers, and  
assistance all to the extent deemed necessary or desirable by said Assignee (a) for  
obtaining in said Assignee the right, title and interest herein conveyed; (b) for complying  
with any duty of disclosure; (c) for prosecuting any of said applications; (d) for filing and  
executing substitute, divisional, continuing or additional applications covering said  
invention; (e) for filing and prosecuting applications for reissue of any of said patents; (f)  
for interference or other priority proceedings involving said invention; and (g) for legal  
proceedings involving said invention and any applications therefor and any patents granted  
thereon, including without limitation opposition proceedings, cancellation proceedings,  
interpleader contests, public use proceedings, reexamination proceedings, compulsory licensing  
proceedings, infringement actions and court actions; provided, however, that the expense  
incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

PMGC14  
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3. The terms and covenants of this Assignment shall inure to the benefit of said  
Assignee, its successors, assigns and other legal representatives, and shall be binding upon  
Inventors, their respective heirs, legal representatives and assigns.

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ent and  
that by  
acted,

4. Said Inventors hereby jointly and severally warrant and represent that they  
have not entered and will not enter into any assignment, contract, or understanding in  
contravention of this herewith.

PMGC14  
\*\*

Date of Execution of Declaration for Patent Application:

9/14/99

(3)

(Inventor's Signature)

State of

California

County of

San Francisco

On

Sept. 14, 1999

before me,

Lissette Miller, Notary Public

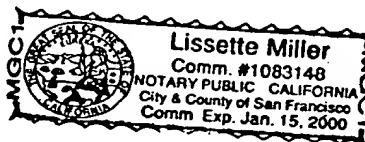
(name and title of officer)

personally appeared Hung-Vuong Van Vo, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

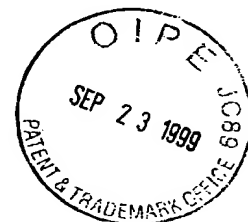
WITNESS my hand and official seal.

Signature

Lissette Miller



\*\*\*\*\*



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FLEISLER DUBB,  
MEYER & LOVEJOY

DECEMBER 14, 1999



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UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231



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PTAS

FLEISLER, DUBB, MEYERS & LOVEJOY  
MARTIN C. FLEISLER, ESQ.  
FOUR EMBARCADERO CENTER, SUITE 400  
SAN FRANCISCO, CA 94111

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/23/1999

REEL/FRAME: 010264/0833  
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
KOSCIUSZKO, EDWARD

DOC DATE: 09/14/1999

ASSIGNOR:  
MENON, SREEKUMAR

DOC DATE: 09/14/1999

ASSIGNOR:  
VO, HUNG-VUONG

DOC DATE: 09/14/1999

ASSIGNEE:  
PLATINUM TECHNOLOGY IP, INC.  
1815 SOUTH MEYERS ROAD  
OAKEROOK TERRACE, ILLINOIS 60181

SERIAL NUMBER: 09356797  
PATENT NUMBER:

FILING DATE: 07/20/1999  
ISSUE DATE:

PLAT 1018

*[Handwritten signatures and stamps]*  
MCF/JFG  
chmp, m

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TARA WASHINGTON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

~~010264-0833~~



<div style="display: flex; justify-content: space-between;"> <div> <p style="font-size: 1.2em; margin: 0;">09-29-1999</p> <p style="margin: 0;">RECC</p> </div> <div style="text-align: right;"> <p style="font-size: 0.8em; margin: 0;">U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office</p> </div> </div>	
<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: left;"> <p style="font-size: 1.5em; margin: 0;">09-23-99</p> <p style="margin: 0;">To the Honorable Commissioner of Patents</p> </div> <div style="text-align: center;"> <p style="font-size: 1.2em; margin: 0;">101157880</p> </div> <div style="text-align: right;"> <p style="margin: 0;">al documents or copy thereof.</p> </div> </div>	
<p>1. Name of conveying party(ies):</p> <p style="margin-left: 20px;">Edward Kosciuszko Sreekumar Menon Hung-Vuong Vo</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>PLATINUM technology IP, inc.</u></p> <p>Address: <u>1815 South Meyers Road</u> <u>Oakbrook Terrace, Illinois 60181</u></p> <p>Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other _____</p> <p>Execution Date: <u>Sept. 14, 1999</u></p>	<p>4. Application number(s) or patent number(s):</p> <p>A. Patent Application No.: <u>09/356,797</u></p> <p style="margin-left: 20px;">Title: METHOD AND APPARATUS FOR VIEWING THE EFFECT OF CHANGES TO AN INDEX FOR A DATABASE TABLE ON AN OPTIMIZATION PLAN FOR A DATABASE QUERY</p> <p>Filed Date: <u>July 20, 1999</u></p> <p style="text-align: right;">B. Patent No(s):</p> <div style="text-align: center; margin-top: 20px;"> </div>
<p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If this document is being filed together with a new application, the execution date of the application is: <u>N/A</u></p>	
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Martin C. Fliesler, Esq.</u></p> <p>Address: <u>Fliesler, Dubb, Meyer &amp; Lovejoy</u> <u>Four Embarcadero Center, Suite 400</u> <u>San Francisco, CA 94111</u></p> <p>Telephone: <u>(415) 362-3800</u></p>	<p>6. Total Number of applications and patents involved: <u>1</u> X \$40.00 each</p> <p>7. Total fee (37 CFR 3.41).....\$ <u>40.00</u></p> <p style="margin-left: 40px;"><input checked="" type="checkbox"/> Check Enclosed</p> <p>8. Fee Authorization. Authorization is given to charge any additional fees or credit any overpayment to Deposit Account No. 06-1325.</p> <p>Copy. (A duplicate copy of this authorization is <b>not</b> enclosed.)</p>
<p>9. Statement and signature.</p> <p style="margin-left: 20px;"><i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i></p> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 40%;"> <p><u>John F. Griffith</u></p> <p>Attorney (Reg. No.: <u>44,137</u>)</p> </div> <div style="width: 30%; text-align: center;"> <p>Signature</p> </div> <div style="width: 20%; text-align: right;"> <p><u>9-20-99</u></p> <p>Date</p> </div> </div>	
<p>10. Total number of pages to be recorded: <u>5</u> (1 page cover sheet and 4 page document).</p>	

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Attorney Docket No.: PLAT1018MCP/JFG  
jgriffith/plat/1018.012